

ABSTRACT OF THE DISCLOSURE

5 A fuel gas inlet, a fuel gas outlet, an oxygen-
containing gas inlet, an oxygen-containing gas outlet, and
other components, which are disposed at upper and lower
portions at both ends in the lateral direction, are provided
in a first fuel cell stack. A plurality of cooling medium
inlets, a plurality of cooling medium outlets, and other
components are provided at lower portions on the long side
10 and at upper portions on the long side respectively. A
cooling medium flows from the lower portions to the upper
portions through cooling medium flow passages to cool the
power generation surface smoothly and reliably.